| <br> | f Claims |  |
|------|----------|--|
|      |          |  |

| Application/Control No. | Applicant(s).<br>Reexaminati |
|-------------------------|------------------------------|
| 40/000 005              |                              |

10/688,895

Examiner

Kevin S. Wood

Applicant(s)/Patent under Reexamination

JI ET AL.

Art Unit

2874

|   | √ | Rejected |
|---|---|----------|
| ĺ | _ | Allannad |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim   | Date     |  |          |              |  |          |              |  |                 |
|----------|---|----------|--|----------|--------------|--|----------|--------------|--|-----------------|
|          |   |          |  | T        | Г            | Т  | Т        | Π            |  | Ι               |
| Final    | Original  | 10/30/06 |  |          |              |  |          |              |  |                 |
|          | 1   | +        |  |          |              | 1  |          | 1            | Т  |                 |
|          | 2   | +        | <del>                                     </del> | ┢        | $\vdash$     | t  | t        | 1            | t  | <del> </del>    |
|          | 3   | +        | ٠.   | ┢        | ╁            | +  | $\vdash$ | ┝            | ┼  | ╁──             |
|          | -   | +        | $\vdash$   | ┝        | ┢            | ╁  | ╁        | ┼            | ┼  | ╁               |
| _        | -   |          |  | ⊢        | ⊢            | $\vdash$   | ⊢        | ╀            | -  | ┼               |
|          | 2   | +        | <u> </u>   | _        | <u> </u>     | _  | ╀        | ├-           | -  | 1               |
|          | 0   | +        | _  | ⊢        | ┡            | ╄  | ╄        | ┡            | ₩  |                 |
| <u> </u> |   | +        |  | ⊢        | ⊢            | ₩  | ⊢        | <del> </del> | <u> </u>   | <u> </u>        |
|          | 8   | +        | <u> </u>   | ┞        | <u> </u>     | <u> </u>   | ـــــ    | $\vdash$     | _  | -               |
|          | 9   | +        | _  | ┞        | <del> </del> | _  | <u> </u> | ┡            | ┡  | _               |
|          | 10  | +        | <u> </u>   | ┡        | <u> </u>     | ـ  | 1        |              | _  |                 |
|          | 11  | +        | <u> </u>   | _        | <u> </u>     | <u> </u>   | _        | <u> </u>     | ╙  | <b>↓</b>        |
|          | 12  | +        | <u> </u>   | <b>—</b> | _            | <b>!</b>   | <u> </u> | <u> </u>     | <u> </u>   | <del> </del>    |
|          | 13  | +        | _  | _        | L            | <u> </u>   | <u> </u> | _            | <u> </u>   | <u> </u>        |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20 | +        | <u> </u>   | <u> </u> | _            | <u> </u>   | _        | <u> </u>     | <u> </u>   | $\sqcup$        |
|          | 15  | +        | _  | _        |              | <u> </u>   |          | L            | ┖  |                 |
|          | 16  | +        | _  |          | _            |  | ┕        | <u> </u>     | ┖  |                 |
|          | 17  | ÷        |  |          |              |  | _        | <u> </u>     |  |                 |
|          | 18  | +        |  |          |              |  |          |              |  |                 |
|          | 19  | +        |  | L        | L            | L  |          | L            |  |                 |
|          | 20  | +        |  |          |              |  | L        |              |  |                 |
|          | 21  | +        |  | L        |              |  |          |              |  |                 |
|          | 22  | +        |  |          |              |  |          |              |  |                 |
|          | 21<br>22<br>23  | +        |  |          |              |  |          |              |  |                 |
|          | 24<br>25<br>26<br>27<br>28<br>29<br>30  |          |  |          |              |  |          |              |  |                 |
|          | 25  | L        |  |          |              |  |          |              |  |                 |
|          | 26  |          |  |          |              |  |          |              |  |                 |
|          | 27  |          |  |          |              |  |          |              |  |                 |
|          | 28  |          |  |          |              |  |          |              |  |                 |
|          | 29  |          |  |          | Π            | Π.   |          | Г            |  |                 |
|          | 30  |          |  |          |              |  |          |              |  |                 |
|          | 31  |          |  |          |              |  |          |              |  |                 |
|          | 32<br>33  |          |  |          |              |  | Г        |              |  | М               |
|          | 33  |          |  |          |              |  |          |              | _  | $\vdash$        |
|          | 34  |          |  |          |              |  |          |              |  | $\vdash$        |
|          | 35  |          |  |          |              | _  | _        | _            | <del>                                     </del> |                 |
|          | 34<br>35<br>36  | _        |  |          |              |  | Т        | Г            | <u> </u>   | Н               |
|          | 37  |          |  |          | $\vdash$     | Г  | T        | $\vdash$     |  | Н               |
|          | 38  |          |  |          |              |  | -        | $\vdash$     | $\vdash$   | $\vdash \vdash$ |
|          | 38<br>39  |          |  | _        |              |  | $\vdash$ | $\vdash$     | <del>-</del> -                                   |                 |
|          | 40  |          | $\overline{}$                                    | ┢        | Ι            | <del>                                     </del> | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$        |
|          | 41  |          | _  | Н        | $\vdash$     | $\vdash$   | $\vdash$ | ┢            | $\vdash$   | Н               |
|          | 42  | H        |  | -        | <u> </u>     | $\vdash$   | $\vdash$ | $\vdash$     | <del>                                     </del> | Н               |
|          | 43  | Н        | _  |          | $\vdash$     | $\vdash$   | H        | $\vdash$     |  | H               |
|          | 44  | $\vdash$ |  | -        | <del> </del> | $\vdash$   |          |              | $\vdash$   | $\vdash$        |
|          | 45  | $\vdash$ |  |          | -            | $\vdash$   |          | $\vdash$     | $\vdash$   | $\vdash \vdash$ |
|          | 46  | -        |  | -        | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$     | -  | Н               |
| -        | 47  | $\dashv$ |  | -        |              | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$   | Н               |
|          | 48  | -        |  | H        | _            | $\vdash$   |          | -            | $\vdash$   | $\vdash$        |
|          | 49  | $\dashv$ |  | $\dashv$ | _            | <u> </u>   | -        | -            | $\vdash$   | $\vdash$        |
|          | 50  | $\dashv$ | _  |          | -            | $\vdash$   | -        |              | $\vdash$   | Н               |
|          | JU  |          |  |          |              |  |          |              |  |                 |

|          | aim            | Т        |  |          |  | Dat  |  |  |          | -  |
|----------|----------------|----------|--|----------|--|--|--|--|----------|--|
| C1       |                | +        | $\overline{}$                                    | _        | т  | Tal  | Ť  | Т  | 1        | Γ  |
| Final    | Original       |          |  |          |  |  |  |  |          |  |
|          | 51<br>52       |          |  | İ        |  |  |  |  |          |  |
|          | 52             |          |  | Г        |  |  |  |  |          | Π  |
|          | 53             |          |  |          |  | L  |  |  |          |  |
|          | 54<br>55       |          | L  | <u> </u> | _  | 上  | _  |  |          | L  |
| <u> </u> | 55             | <u> </u> | <u> </u>   | L        | <u>_</u>   | L  |  |  |          | $\perp$  |
| L        | 56             | <u> </u> | L  | <u> </u> | L  | ╙  | L  | L  | L        | <u> </u>   |
|          | 57             | L        | ļ  | _        | ┖  | _  | $oxed{oxed}$                                     | _  |          | L  |
|          | 58             | _        | _  | _        | Ļ.   | ┞-   | igspace  | L  | <u> </u> | L  |
| <b>_</b> | 59             | ┞        | ⊢  | ļ.,      | <u> </u>   | -  | ├-   | ┡  | <u> </u> | _  |
| <b></b>  | 60             | _        | ├  | _        | <u> </u>   | <del> </del>                                     | ├-   |  | ┡        | ⊢  |
|          | 61             | <u> </u> | <b>├</b>   | -        | ├  | ├  | -  | ⊢  | ⊢        | ⊢  |
| -        | 62             | ┢        | ├  | ├        | ⊢  | Ͱ  | ⊢  | ┢  | ┡        | ├-   |
| -        | 63<br>64       | ┝        | ⊢  | ├        | $\vdash$   | -  | -  | -  |          | ├-   |
|          | 65             | ⊢        | ╀  | ╁        | -  | -  | -  | ┢  | -        | <del> </del>                                     |
|          | 66             | -        | ⊢  | ╁        | -  | -  | ⊢  | -  | ⊢∸       | ⊢  |
|          | 67             | ┢        | <del> </del>                                     | ┢        | ├  | ╁  | ╁  | $\vdash$   | ├        | ┝  |
|          | 68             | $\vdash$ | ┢  | ├        | $\vdash$   | ├  | <u> </u>   |  | ┢        | ├  |
|          | 69             | $\vdash$ | $\vdash$   | ╁        | ┢  | $\vdash$   | _  | $\vdash$   | $\vdash$ | ├  |
| -        | 70             | t        | H  | ╁        | ┢  | ┢  | ┢  | ┢  |          | -  |
|          | 71             | $\vdash$ |  | 1        | 一  | ╁  | $\vdash$   | 一  | $\vdash$ | <del>                                     </del> |
| _        | 72             | $\vdash$ | <del>                                     </del> | H        | t  | t  | <del>                                     </del> | <del>                                     </del> |          |  |
|          | 71<br>72<br>73 |          |  |          |  | ╁  |  | ┢  | _        | H  |
|          | 74<br>75       | Т        | 1  | Ι        |  | Т  | Т  | _  |          |  |
|          | 75             |          |  |          | Г  |  |  |  | $\vdash$ |  |
|          | 76             |          |  |          |  |  |  | Г  |          |  |
|          | 77             |          |  | Π        |  |  |  |  |          |  |
|          | 78             |          |  |          |  | L  |  |  |          |  |
|          | 79             |          | _  | _        |  | L  |  |  | 匚        |  |
| L        | 80             | _        |  |          | <u> </u>   | <u> </u>   | _  |  | _        |  |
|          | 81             | L_       | _  | L.       | $oxed{oxed}$                                     |  |  |  | _        |  |
|          | 82             |          | <u> </u>   | _        | _  | L  | <u> </u>   |  |          |  |
|          | 83             | _        | <u> </u>   | _        |  |  | <u> </u>   |  |          | ļ  |
|          | 84             |          | <u> </u>   | 1        | ⊢  | ₩  | <u> </u>   |  | <u> </u> | L  |
| <u> </u> | 85             | <u> </u> | <u> </u>   | <u> </u> | $\vdash$   | <b>⊢</b>   | <del> </del>                                     | <u> </u>   | Ь—       | <u> </u>   |
| <u> </u> | 86             | ⊢        | ⊢  | ⊢        | ⊢  | ├—   | ⊢  | ├-   |          | $\vdash$   |
| -        | 87<br>88       | $\vdash$ | -  | $\vdash$ | -  | 1  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$   |
| $\vdash$ | 89             | -        | $\vdash$   | $\vdash$ | $\vdash$   | -  | <del> </del>                                     | -  | $\vdash$ | $\vdash$   |
| $\vdash$ | 90             | -        | ⊢  | $\vdash$ | <del> </del>                                     | -  | -  | <del> </del>                                     | $\vdash$ | $\vdash$   |
|          | 91             | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$   |  | $\vdash$   | $\vdash$   | -        | -  |
|          | 92             | $\vdash$ | $\vdash$   | $\vdash$ | <del>                                     </del> | $\vdash$   |  | $\vdash$   | $\vdash$ | <u> </u>   |
|          | 93             | $\vdash$ | $\vdash$   | _        | <u> </u>   | <del>                                     </del> | $\vdash$   | $\vdash$   | <u> </u> | -  |
|          | 94             |          | $\vdash$   | ┢        | $\vdash$   | $\vdash$   | <u> </u>   | $\vdash$   | $\vdash$ | -  |
|          | 95             | $\vdash$ | <u> </u>   | Ι.       |  |  | $\vdash$   | <del>                                     </del> | $\vdash$ | $\vdash$   |
|          | 96             | Г        | Г  | <u> </u> | Г  | <u> </u>   | Г  |  | Т        | _  |
|          | 97             |          | Г  |          | Г  |  | Г  | П  | Г        | _  |
|          | 98             | Γ        |  | П        |  |  |  |  |          | _  |
|          | 99             |          |  |          |  |  |  |  |          |  |
|          | 100            |          |  |          |  |  |  |  |          |  |

| Cli      | aim               | Ι        |          |          | _            | Dat             | <u>—</u> | -        |          |          |
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|          |                   |          |          |          |              |                 | Ĭ        |          | T        |          |
| Final    | Original          |          |          |          |              |                 |          |          |          |          |
| · ·      | 101               | <u> </u> | ┢        | $\vdash$ | ┢╌           | $\vdash$        | ├        | $\vdash$ | $\vdash$ | -        |
|          | 102               |          |          |          |              |                 |          | T        | 1        | П        |
|          | 103               |          |          |          | T            | Г               | 1        |          |          |          |
|          | 104               |          |          |          | Г            |                 |          |          |          |          |
|          | 104<br>105        |          | Π        |          | П            | Τ               |          | Ī        |          |          |
|          | 106               |          |          | П        |              |                 |          | Π        |          |          |
|          | 107               |          |          |          |              |                 |          |          |          |          |
|          | 108               |          |          |          |              |                 |          |          |          |          |
|          | 109               |          |          |          |              |                 |          |          |          |          |
| <u> </u> | 110               |          |          |          |              |                 |          |          |          |          |
|          | 111               |          |          |          | L            | L               | 匚        | _        |          |          |
| <u> </u> | 112               |          | _        | <u> </u> |              | _               | L        |          |          | Ш        |
| <u> </u> | 113               | Щ.       | _        | <u></u>  | 匚            | _               | <u> </u> | L.       | L        | Ш        |
| L        | 114               |          | <u> </u> | <u>_</u> | <u> </u>     | <u>L</u>        | _        | _        |          | Ш        |
| <u> </u> | 115               |          | _        |          | <u> </u>     | <u> </u>        | _        | <u> </u> | L        | Ш        |
|          | 116<br>117        |          | L.       |          | _            |                 |          | _        | <u> </u> | Ш        |
| $\vdash$ | 117               |          | _        | _        | _            | _               | ļ        | <u> </u> |          | Ш        |
|          | 118               |          | _        | <u> </u> | <u> </u>     | <u> </u>        |          | <u> </u> | _        | Ш        |
|          | 119               |          | L_       |          | <u> </u>     |                 | ļ        | _        | <u> </u> | Ш        |
|          | 120               |          |          | <u> </u> | _            | _               | _        | <u> </u> | <u> </u> | Ш        |
|          | 121<br>122<br>123 |          |          | _        | <u> </u>     | _               |          | _        | <u> </u> | Ш        |
|          | 122               |          | _        | ⊢        | <u> </u>     | _               |          | _        | <u> </u> |          |
|          | 123               | _        | _        | ┝        | -            | -               | <u> </u> | <u> </u> | -        | Н        |
|          | 124<br>125<br>126 |          | ⊢        | -        | ⊢            |                 | -        | -        | _        | Н        |
|          | 125               |          |          | $\vdash$ | ├            |                 | ⊢        | -        | -        | Н        |
|          | 127               |          |          | ⊢        | ┝            | _               | $\vdash$ | ┝        |          | Н        |
|          | 127<br>128        |          |          | -        | ┝            | $\vdash$        | ┢        | -        |          | H        |
|          | 129               |          |          | $\vdash$ | ┢            | ┢               | _        | -        |          | Н        |
|          | 129<br>130        |          |          |          | $\vdash$     |                 | _        |          |          | $\vdash$ |
|          | 131               |          |          |          |              |                 |          | _        | 1        | Н        |
|          | 132               |          |          |          |              |                 |          |          | _        | П        |
|          | 132<br>133        |          |          |          |              |                 |          | Г        |          |          |
|          | 134               |          |          |          |              |                 |          |          |          |          |
|          | 135               |          |          |          |              |                 |          |          |          |          |
|          | 136               |          |          |          |              |                 |          |          |          |          |
|          | 137               |          |          | _        |              |                 |          |          |          | Ш        |
|          | 138<br>139        |          |          | <u> </u> | L            | L               |          | _        | L_       | Ш        |
|          | 139               | _        |          | ļ        | <u> </u>     | Ш               |          |          | <u> </u> | Ш        |
|          | 140               |          |          |          | _            | Ш               |          |          |          | Щ        |
|          | 141               | _        | _        | <u> </u> | $oxed{oxed}$ |                 |          | L        | <u> </u> |          |
| -        | 142               |          | _        | $\vdash$ | Ш            | $\vdash$        |          |          | Ь.       | $\vdash$ |
|          | 143               | _        |          | <u> </u> | $\vdash$     | Щ               | _        | <u> </u> | -        | $\vdash$ |
|          | 144               | _        |          | Н        | _            | $\vdash$        |          | $\vdash$ |          | $\vdash$ |
|          | 145               | $\dashv$ | _        |          | -            | $\vdash \vdash$ | _        | _        | $\vdash$ | Н        |
|          | 146<br>147        | $\dashv$ | -        |          |              |                 | _        | -        |          | $\vdash$ |
|          | 147               | $\dashv$ | _        | $\vdash$ |              | -               | -        | -        | -        | $\dashv$ |
|          | 149               | $\dashv$ | _        | $\vdash$ | $\dashv$     | $\vdash$        | _        | _        |          | $\dashv$ |
|          | 150               | $\dashv$ |          | H        | $\vdash$     | $\dashv$        | _        | Η,       | -        | $\dashv$ |
|          | 130               |          |          | لـــــا  |              |                 |          |          |          |          |